



**TRILOBITE TESTING, INC.**

# DRILL STEM TEST REPORT

Norstar Petroleum, Inc.  
 88 Inverness Cir E. Unit 104  
 ATTN: Brad Rine

**36 10e 35s Thomas Ks**  
**WJLH Koons #2-36**  
 Job Ticket: 42048 **DST#: 2**  
 Test Start: 2012.02.28 @ 02:20:00

## GENERAL INFORMATION:

Formation: **LKC-I**  
 Deviated: No Whipstock: ft (KB)  
 Time Tool Opened: 05:08:00  
 Time Test Ended: 09:11:00  
 Interval: **4352.00 ft (KB) To 4380.00 ft (KB) (TVD)**  
 Total Depth: 4380.00 ft (KB) (TVD)  
 Hole Diameter: 7.88 inches Hole Condition: Good  
 Test Type: Conventional Bottom Hole (Reset)  
 Tester: Chuck Kreuzer Jr.  
 Unit No: 36  
 Reference Elevations: 3294.00 ft (KB)  
 3289.00 ft (CF)  
 KB to GR/CF: 5.00 ft

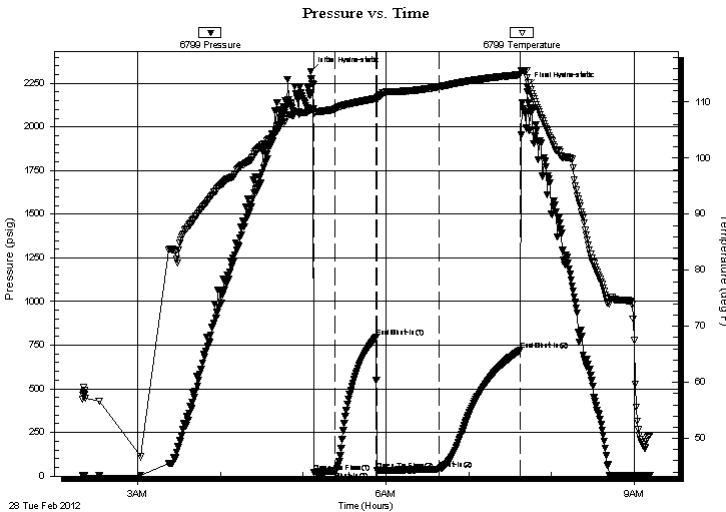
## Serial #: 6799

Inside

Press @ Run Depth: 39.28 psig @ 4353.00 ft (KB) Capacity: 8000.00 psig  
 Start Date: 2012.02.28 End Date: 2012.02.28 Last Calib.: 2012.02.28  
 Start Time: 02:20:05 End Time: 09:10:59 Time On Btm: 2012.02.28 @ 05:05:30  
 Time Off Btm: 2012.02.28 @ 07:42:15

TEST COMMENT: IF: Weak blow, Surface.  
 IS: No blow back  
 FF: Weak blow after 15 mins. surface over 45 mins.  
 FS: No blow back

## PRESSURE SUMMARY



Time (Min.)	Pressure (psig)	Temp (deg F)	Annotation
0	2318.98	108.61	Initial Hydro-static
3	22.38	108.18	Open To Flow (1)
18	30.04	108.73	Shut-In(1)
48	794.69	110.65	End Shut-In(1)
48	30.72	110.57	Open To Flow (2)
93	39.28	112.75	Shut-In(2)
152	723.75	114.93	End Shut-In(2)
157	2231.62	114.40	Final Hydro-static

## Recovery

Length (ft)	Description	Volume (bbl)
10.00	mud w ith oil specs	0.05

\* Recovery from multiple tests

## Gas Rates

Choke (inches)	Pressure (psig)	Gas Rate (Mcf/d)



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**FLUID SUMMARY**

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**Mud and Cushion Information**

Mud Type: Gel Chem	Cushion Type:	Oil API:	deg API
Mud Weight: 9.00 lb/gal	Cushion Length: ft	Water Salinity:	ppm
Viscosity: 62.00 sec/qt	Cushion Volume: bbl		
Water Loss: 10.47 in <sup>3</sup>	Gas Cushion Type:		
Resistivity: ohm.m	Gas Cushion Pressure: psig		
Salinity: 5000.00 ppm			
Filter Cake: 2.00 inches			

**Recovery Information**

Recovery Table

Length ft	Description	Volume bbl
10.00	mud w ith oil specs	0.049

Total Length: 10.00 ft      Total Volume: 0.049 bbl  
 Num Fluid Samples: 0      Num Gas Bombs: 0      Serial #:  
 Laboratory Name:      Laboratory Location:  
 Recovery Comments:

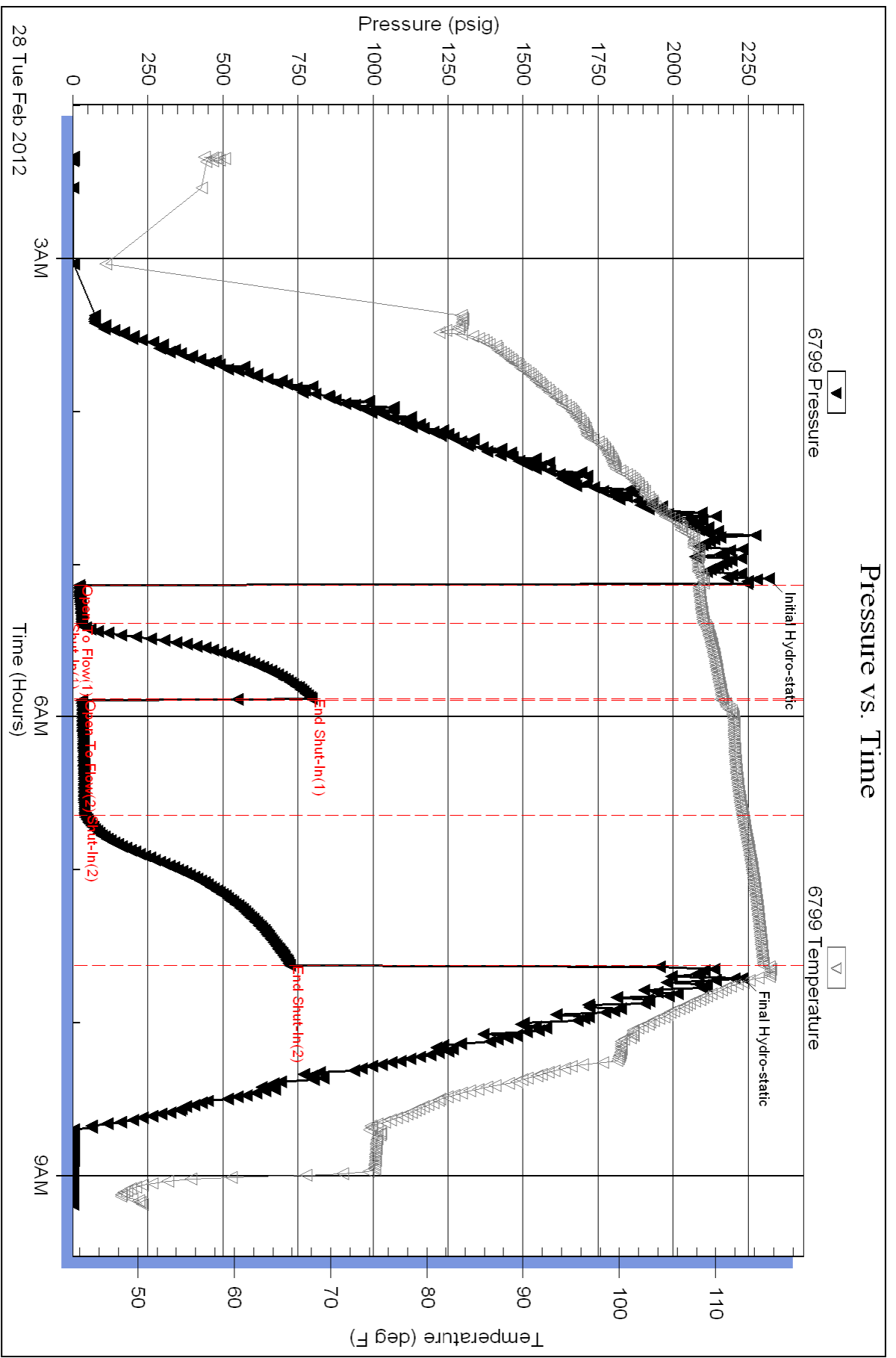
Serial #: 6799

Inside

Norstar Petroleum, Inc.

WJLH Koons #2-36

DST Test Number: 2



Triobite Testing, Inc

Ref. No: 42048

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